

CLAIMS

What is claimed is:

1. A grip for a cycle comprising:
 - 5 a cylindrical liner extending along a liner axis between a first end and a second end, the cylindrical liner having at least two elongate slots extending axially along a lengthwise portion of the cylindrical liner, each elongate slot overlapping a lengthwise part of another elongate slot, the overlapping elongate slots being radially offset; and
 - 10 an over molding overlying a lengthwise segment of the cylindrical liner.
2. The grip of claim 1 wherein the cylindrical liner has a first set of at least two elongate slots extending along a first axial line and a second set of at least two elongate slots extending along a second axial line, the first and second axial lines being radially offset and the first set of elongate slots overlapping the second set of elongate slots.
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3. The grip of claim 2 further comprising a first elongate slot intersecting the first end of the cylindrical liner.
4. The grip of claim 3 further comprising a second elongate slot intersecting the
 - 20 second end of the cylindrical liner.
5. The grip of claim 1 further comprising a compression member operatively associated with a circumference of an axial segment of the cylindrical liner, the axial segment having at least a lengthwise portion of at least one elongate slot, the compression member
 - 25 being operable between a relaxed state not compressing the axial segment and a compression state compressing the axial segment about its circumference.

6. The grip of claim 5 further comprising a first elongate slot intersecting the first end of the cylindrical liner, the axial segment being proximate the first end of the cylinder and the at least one elongate slot being the first elongate slot.

5 7. The grip of claim 6 wherein the compression member comprises a clamp shroud having an arcuate bottom having a inner radius less than an outer radius of the axial segment, the arcuate bottom overlying the first elongate slot, and a band clamp sized to axially receive the clamp shroud and an exposed portion of the axial segment, the band clamp having a gap between band clamp ends bridged by a screw threadably engaging one end of the band clamp with a head of the screw abutting the other end of the band clamp to bias the gap closed
10 when the screw is tightened to produce the compressed state.

8. The grip of claim 7 wherein the clamp shroud extends radially opposite the arcuate bottom to form a slip guard.
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9. The grip of claim 8 wherein the clamp shroud defines a cavity in the slip guard sized to receive the clamp ends and a head of the screw when the screw is tightened to produce the compressed state.

20 10. The grip of claim 1 wherein the over molding fills the elongate slots.

11. The grip of claim 1 wherein the over molding is an elastomer.

12. The grip of claim 1 wherein the liner is made of a rigid polymer.

13. A grip for a cycle handlebar, the grip comprising:

5 a cylindrical liner extending along a liner axis between a first end and a second end, the cylindrical liner having a plurality of elongate slots extending axially therein, the plurality of elongate slots being disposed to permit radial expansion of the cylindrical liner upon application of a radial force to the inner diameter of the cylindrical liner and to resist torsional shear displacement of the slots upon application of a torsional force to the cylindrical liner; and
an elastomer over molding overlying a lengthwise segment of the cylindrical liner.

10 14. The grip of claim 13 further comprising a compression member operatively associated with a circumference of an axial segment of the cylindrical liner, the axial segment including at least a lengthwise portion of at least one elongate slot, the compression member being operable between a relaxed state not compressing the axial segment and a compression state compressing the axial segment about its circumference.

15 15. The grip of claim 14 further comprising a first elongate slot intersecting the first end of the cylindrical liner, the axial segment being proximate the first end of the cylinder and the at least one elongate slot being the first elongate slot.

20 16. The grip of claim 13 wherein the over molding fills the elongate slots.

17. The grip of claim 13 wherein the cylindrical liner is made of a rigid polymer.

18. A grip for a cycle comprising:

5 a cylindrical liner extending along a liner axis between a first end and a second end, the cylindrical liner having a plurality of elongate slots extending axially therein, the plurality of elongate slots being disposed to permit radial expansion of the cylindrical liner upon application of a radial force to the inner diameter of the cylindrical liner and to resist torsional displacement of the cylindrical liner upon application of a torsional force to the cylindrical liner, a first elongate slot of the plurality of elongate slots intersecting the first end of the cylindrical liner;

10 a compression member operatively associated with a circumference of an axial segment of the cylindrical liner, the axial segment being proximate the first end of the liner and including a lengthwise portion of the first elongate slot, the compression member being operable between a relaxed state not compressing the axial segment and a compression state compressing the axial segment about its circumference; and

15 an elastomer over molding overlying a lengthwise segment of the cylindrical liner.

19. The grip of claim 18 wherein the elongate slots are disposed with a first set of at least two elongate slots extending along a first axial line and a second set of at least two elongate slots extending along a second axial line, the first and second axial lines being radially offset and the first set of elongate slots overlapping the second set of elongate slots.

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20. The grip of claim 18 wherein the compression member comprises a clamp shroud having an arcuate bottom having an inner radius less than an outer radius of the axial segment, the arcuate bottom overlying the first elongate slot, and a resilient band claim sized to axially receive the clamp shroud and an exposed portion of the axial segment, the resilient band clamp being biased to form a gap between band clamp ends, the band clamp ends being bridged by a screw threadably engaging one end of the band clamp with a head of the screw abutting the other end of the band clamp to bias the gap closed when the screw is tightened to

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produce the compressed state and allow the gap open when the screw is loosened to produce the relaxed state.